

September 23, 2005
Case No. GP-301613(2760/27)
Serial No.: 09/970,626
Filed: October 4, 2001
Page 2 of 8

CLAIM AMENDMENTS

A listing of an entire set of claims 1-28 is submitted herewith per 37 CFR §1.121. This listing of claims 1-28 will replace all prior versions, and listings, of claims in the application.

1. (Cancelled)
2. (Currently Amended) The method of claim ~~[[1]]~~ 11 wherein the mobile phone system is an analog cellular phone system.
3. (Original) The method of claim 2 wherein the analog cellular phone system operates within a prescribed band between nominally 824.04 MHz and 893.97 MHz.
4. (Currently Amended) The method of claim ~~[[1]]~~ 11 further comprising:
receiving a blocked signal indicating no availability of a voice channel on the second control channel of the carrier;
selecting a next strongest control channel of the carrier in response to the blocked signal based on the signal strength; and
requesting service access on the next strongest control channel of the carrier.
5. (Currently Amended) The method of claim ~~[[1]]~~ 11 wherein the voice channel uses a service selected from a group consisting of voice telephony, short messaging, paging, voice mail, electronic mail, call forwarding, caller identification, call waiting, conference calling, broadcast messages, voice band data, facsimile data, data transmission, modem access, direct access to computer networks, registration, authentication and access to emergency services.
6. (Currently Amended) The method of claim ~~[[1]]~~ 11 further comprising:
increasing priority for emergency services.

September 23, 2005
Case No. GP-301613(2760/27)
Serial No.: 09/970,626
Filed: October 4, 2001
Page 3 of 8

7. (Original) The method of claim 6 wherein the priority for emergency services is increased by reducing wait time during the call request.
8. (Currently Amended) The method of claim ~~[[1]]~~ 11 wherein the call request is automatically initiated in response to an emergency.
9. (Original) The method of claim 8 wherein the emergency is indicated by the deployment of an air bag on a mobile vehicle carrying the mobile phone.
10. (Original) The method of claim 8 wherein the call request includes a geographical location of a mobile vehicle.
11. (Previously Presented) A method of bypassing a blocked voice channel of a mobile phone system, comprising:
 - initiating a call request from a mobile phone;
 - scanning a plurality of control channels of a carrier;
 - measuring a signal strength of each control channel;
 - requesting service access on a first control channel of the carrier based on the signal strength;
 - receiving a blocked signal indicating no availability of a voice channel on the first control channel of the first carrier;
 - determining whether a vehicle carrying the mobile phone is within a predetermined vehicle speed range;
 - selecting a second control channel of the carrier in response to receiving the blocked signal when the vehicle is within the predetermined vehicle speed range, based on the signal strength; and
 - requesting service access on the second control channel of the carrier.
12. (Original) The method of claim 11 wherein the predetermined vehicle speed range is between about 0 and 10 miles per hour.

September 23, 2005
Case No. QP-301613(2760/27)
Serial No.: 09/970,626
Filed: October 4, 2001
Page 4 of 8

13. (Currently Amended) A computer usable medium including a program for bypassing a blocked voice channel of a mobile phone system, comprising:

- computer program code for initiating a call request from a mobile phone;
- computer program code for scanning a plurality of control channels of a carrier;
- computer program code for measuring a signal strength of each control channel;
- computer program code for requesting service access on a first control channel of the carrier based on the signal strength;
- computer program code for receiving a blocked signal indicating no availability of a voice channel on the first control channel of the carrier;
- ~~computer program code for selecting a second control channel of the carrier in response to the blocked signal, based on the signal strength;~~
- computer program code for determining whether a vehicle carrying the mobile phone is within a predetermined vehicle speed range;
- computer program code for selecting a second control channel of the carrier in response to receiving the blocked signal when the vehicle is within the predetermined vehicle speed range, based on the signal strength; and
- computer program code for requesting service access on the second control channel of the carrier.

14. (Previously Presented) The computer usable medium of claim 13, further comprising:

- computer program code for receiving a blocked signal indicating no availability of a voice channel on the second control channel of the carrier;
- computer program code for selecting a next strongest control channel of the carrier in response to the blocked signal based on the signal strength; and
- computer program code for requesting service access on the next strongest control channel of the carrier.

September 23, 2005
Case No. GP-301613(2760/27)
Serial No.: 09/970,626
Filed: October 4, 2001
Page 5 of 8

15. (Original) The computer usable medium of claim 13, further comprising:
computer program code for increasing priority for emergency services.
16. (Original) The computer usable medium of claim 13, further comprising:
computer program code for automatically initiating the call request in response
to an emergency.
17. (Original) The computer usable medium of claim 16 wherein the emergency is
indicated by the deployment of an on-board air bag.
18. (Original) The computer usable medium of claim 16 wherein the call request
includes a geographical location of a mobile vehicle.
19. (Cancelled)

September 23, 2005
Case No. GP-301613(2760/27)
Serial No.: 09/970,626
Filed: October 4, 2001
Page 6 of 8

20. (Currently Amended) A blocked voice channel bypassing system comprising:
- means for initiating a call request from a mobile phone;
 - means for scanning a plurality of control channels of a carrier;
 - means for measuring a signal strength of each control channel;
 - means for requesting service access on a first control channel of the carrier based on the signal strength;
 - means for receiving a blocked signal indicating no availability of a voice channel on the first control channel of the carrier;
 - ~~means for selecting a second control channel of the first carrier in response to the blocked signal, based on the signal strength;~~
 - means for determining whether a vehicle carrying the mobile phone is within a vehicle speed range; and
 - means for selecting a second control channel of the carrier in response to receiving the blocked signal when the vehicle is within the predetermined vehicle speed range, based on the signal strength; and
 - means for requesting service access on the second control channel of the carrier.
21. (Previously Presented) The system of claim 20 further comprising:
- means for receiving a blocked signal indicating no availability of a voice channel on the second control channel of the carrier;
 - means for selecting a next strongest control channel of the carrier in response to the blocked signal based on the signal strength; and
 - means for requesting service access on the next strongest control channel of the carrier.
22. (Original) The system of claim 20 wherein the means for initiating a call request from a mobile phone includes an analog cellular phone system operating within a prescribed band between nominally 824.04 MHz and 893.97 MHz.

September 23, 2005
Case No. GP-301613(2760/27)
Serial No.: 09/970,626
Filed: October 4, 2001
Page 7 of 8

- 23. (Original) The system of claim 20 further comprising:
means for increasing priority for emergency services.
- 24. (Cancelled)
- 25. (Cancelled)
- 26. (Previously Presented) The method of claim 11, wherein the carrier is a home carrier.
- 27. (Previously Presented) The computer reusable medium of claim 13, wherein the carrier is a home carrier.
- 28. (Previously Presented) The system of claim 20, wherein the carrier is a home carrier.